

IN THE CLAIMS:

Please amend Claims 1 to 3, 5, 7 to 9, 11, 18 and 19, and add new Claims 20 to 25 as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A document processing apparatus for a structured document formed by at least one group having a specific attribute, wherein each of the at least one group contains at least one page, each of which has a print attribute grouping original pages, said apparatus comprising:

a display controller which controls display of ~~image objects of either or both of a document structure and an~~ object as an image indicating at least one original page contained in the document;

an instruction unit which accepts an instruction from a user to insert a new page into the document, on a screen on which the object is displayed as the image by said display controller; and

an editor which edits the document so as to generate a new group containing the new page and to insert [[a]] the new group containing a designated original page to into the document a designated position in accordance with the instruction accepted by said instruction unit designation of the original page and the position on the image objects displayed by said display controller,

wherein said display controller controls display of the ~~image~~ objects including an object corresponding to the new group, using for the document edited by said editor.

2. (Currently Amended) The apparatus according to claim 1, wherein said display controller displays a selection window capable of selecting whether to edit the document so as to insert the new group containing the designated original page to the designated position or whether to move ~~the~~ a designated original page to ~~the~~ a designated position in accordance with designation of the original page and the position ~~on~~ of the image ~~objects~~, and said editor performs editing processing in accordance with selection in the selection window.

3. (Currently Amended) The apparatus according to claim 1, wherein the group has a group attribute, and said editor causes the new inserted group to inherit an attribute of the group ~~to which the designated original page belongs~~.

4. (Original) The apparatus according to claim 1, wherein the group has a group attribute, and said editor gives a predetermined attribute to the new inserted group.

5. (Currently Amended) The apparatus according to claim 1, wherein the group has a group attribute, said editor causes said display controller to display a selection window capable of selecting whether to cause the new inserted group to inherit an attribute of the group ~~to which the designated original page belongs~~, or whether to give a predetermined attribute, and said editor performs editing processing in accordance with selection in the selection window.

6. (Original) The apparatus according to claim 1, wherein the group of the original pages is made to correspond to a layer of a data structure having at least one chapter which forms a document, and at least one original page is made to correspond to a lower layer of the data structure of the chapter.

7. (Currently Amended) A document processing method for a structured document formed by at least one group having a specific attribute, wherein each of the at least one group contains at least one page, each of which has a print attribute ~~grouping original pages, said method~~ comprising:

a display control step of controlling display of ~~image objects of either or both of a document structure and an~~ object as an image indicating at least one original page contained in the document;

an instruction accepting step of accepting an instruction from a user to insert a new page into the document, on a screen on which the object is displayed as the image in said display control step; and

an editing step of editing the document so as to generate a new group containing the new page and to insert [[a]] the new group containing a designated original page to into the document a designated position in accordance with the instruction accepted in said instruction accepting step designation of the original page and the position on the image objects displayed in the display control step,

wherein in the display control step, display of the image objects, including an object corresponding to the new group, is controlled using ~~for~~ the document edited in the editing step.

8. (Currently Amended) The method according to claim 7, wherein in the display control step, a selection window capable of selecting whether to edit the document so as to insert the new group containing the designated original page to the designated position or whether to move ~~the~~ a designated original page to ~~the~~ a designated position is displayed in accordance with designation of the original page and the position ~~on~~ of the image ~~objects~~, and in the editing step, editing processing is performed in accordance with selection in the selection window.

9. (Currently Amended) The method according to claim 7, wherein the group has a group attribute, and in the editing step, the new inserted group is caused to inherit an attribute of the group ~~to which the designated original page belongs~~.

10. (Original) The method according to claim 7, wherein the group has a group attribute, and in the editing step, a predetermined attribute is given to the new inserted group.

11. (Currently Amended) The method according to claim 7, wherein the group has a group attribute, in the editing step, a selection window capable of selecting whether to cause the new inserted group to inherit an attribute of the group ~~to which the designated original page belongs~~, or whether to give a predetermined attribute is displayed in the display control step, and in the editing step, editing processing is performed in accordance with selection in the selection window.

12. (Original) The method according to claim 7, wherein the group of the original pages is made to correspond to a layer of a data structure having at least one chapter which forms a document, and at least one original page is made to correspond to a lower layer of the data structure of the chapter.

13. (Original) A document processing method of processing original data having a print format as an attribute, comprising steps of:

holding original data in a tree structure by giving an attribute to each node;
and

when separating arbitrary partial tree data in the tree structure into a plurality of partial tree data, replacing an attribute of each separated partial tree with an attribute of a node of the partial tree data in accordance with an attribute before separation.

14. (Original) The method according to claim 13, wherein the attribute of the separated partial tree includes an attribute value before separation.

15. (Original) The method according to claim 13, wherein the attribute of the separated partial tree includes an attribute value designated by a user.

16. (Original) The method according to claim 13, wherein the attribute of the separated partial tree can be selectively applied by a user from a plurality of attribute setting methods.

17. (Original) A document processing apparatus which processes original data having a print format as an attribute, comprising:

a holding unit which holds original data in a tree structure by giving an attribute to each node; and

a replacement unit which, when arbitrary partial tree data in the tree structure held by said holding unit is separated into a plurality of partial tree data, replaces an attribute of each separated partial tree with an attribute of a node of the partial tree data in accordance with an attribute before separation.

18. (Currently Amended) ~~A computer program product which records a program stored on a computer readable storage medium, said program for causing a computer to process a structured document formed by at least one group having a specific attribute, wherein each of the at least one group contains at least one page, each of which has a print attribute grouping original pages, wherein the program comprises:~~

~~[[a]] code for a display control step of controlling display of image objects of either or both of a document structure and an object as an image indicating at least one original page contained in the document[[,]];~~

~~a code for an instruction accepting step of accepting an instruction from a user to insert a new page into the document, on a screen on which the object is displayed as the image in said display control step; and~~

~~code for an editing step of editing the document so as to generate a new group containing the new page and to insert [[a]] the new group containing a designated original page to into the document a designated position in accordance with the instruction~~

accepted in said instruction accepting step designation of the original page and the position on the image objects displayed in the display control step,

wherein in the display control step, display of the image objects, including an object corresponding to the new group, is controlled using for the document edited in the editing step.

19. (Currently Amended) A ~~computer program product which records a~~ program stored on a computer-readable medium, said program for causing a computer to process original data having a print format as an attribute, comprising:

[[a]] code for a step of holding original data in a tree structure by giving an attribute to each node; and

[[a]] code for a step of, when separating arbitrary partial tree data in the tree structure into a plurality of partial tree data, replacing an attribute of each separated partial tree with an attribute of a node of the partial tree data in accordance with an attribute before separation.

20. (New) A document processing apparatus for processing document data containing chapters, each of which contains pages, comprising:

obtainment means for obtaining data containing pages; and

generation means for, when said obtainment means has obtained data containing pages, generating a new chapter which is different from chapters currently contained in the document data and which contains the pages obtained by said obtainment means.

21. (New) An apparatus according to claim 20, wherein said obtainment means obtains data containing pages by import, and

said generation means generates a new chapter containing the pages obtained by said obtainment means by import to insert the new chapter into the document data.

22. (New) An apparatus according to claim 20, wherein, in response to an instruction to divide a chapter contained in the document data, said obtainment means obtains data containing pages constituting a portion of the chapter instructed to be divided, and

said generation means generates a new chapter containing the pages obtained by said obtainment means to insert the new chapter into the document data.

23. (New) A document processing method for processing document data containing chapters, each of which contains pages, comprising:

an obtaining step of obtaining data containing pages; and

a generating step of, when data containing pages is obtained in said obtaining step, generating a new chapter which is different from chapters currently contained in the document data and which contains the pages obtained in said obtaining step.

24. (New) A method according to claim 23, wherein, in said obtaining step, data containing pages is obtained by import, and

in said generating step, a new chapter containing the pages obtained in said obtaining step is generated by import and before new chapter is inserted into the document data.

25. (New) A method according to claim 23, wherein, in response to an instruction to divide a chapter contained in the document data, data is obtained in said obtaining step, wherein the data contains pages constituting a portion of the chapter instructed to be divided, and

in said generating step, a new chapter containing the pages obtained in said obtaining step is generated and then the new chapter is inserted into the document data.